OIPE JC102 DEC 17 2003 PATENT & TRADEMARK OFFICE

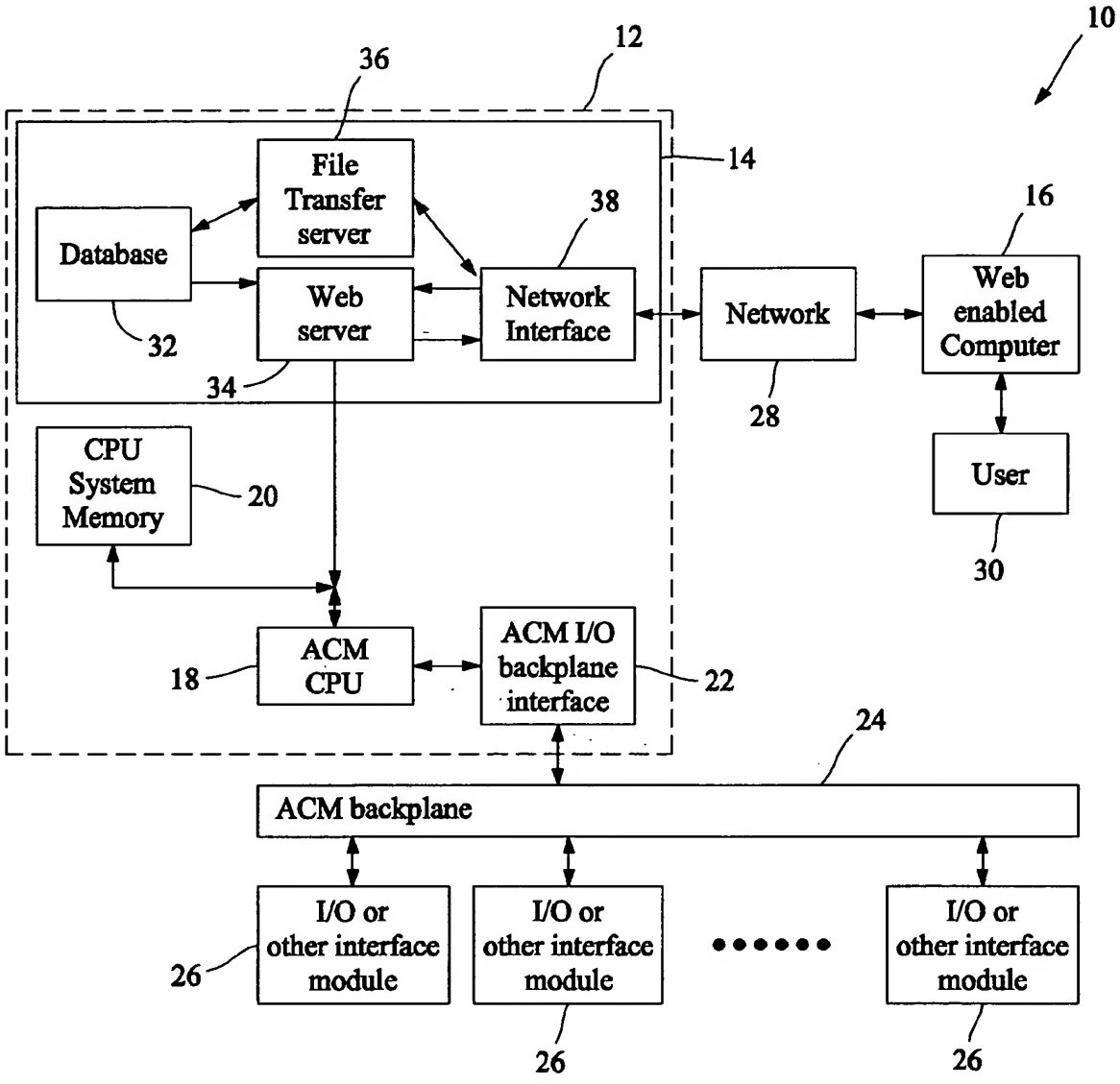

FIG. 1

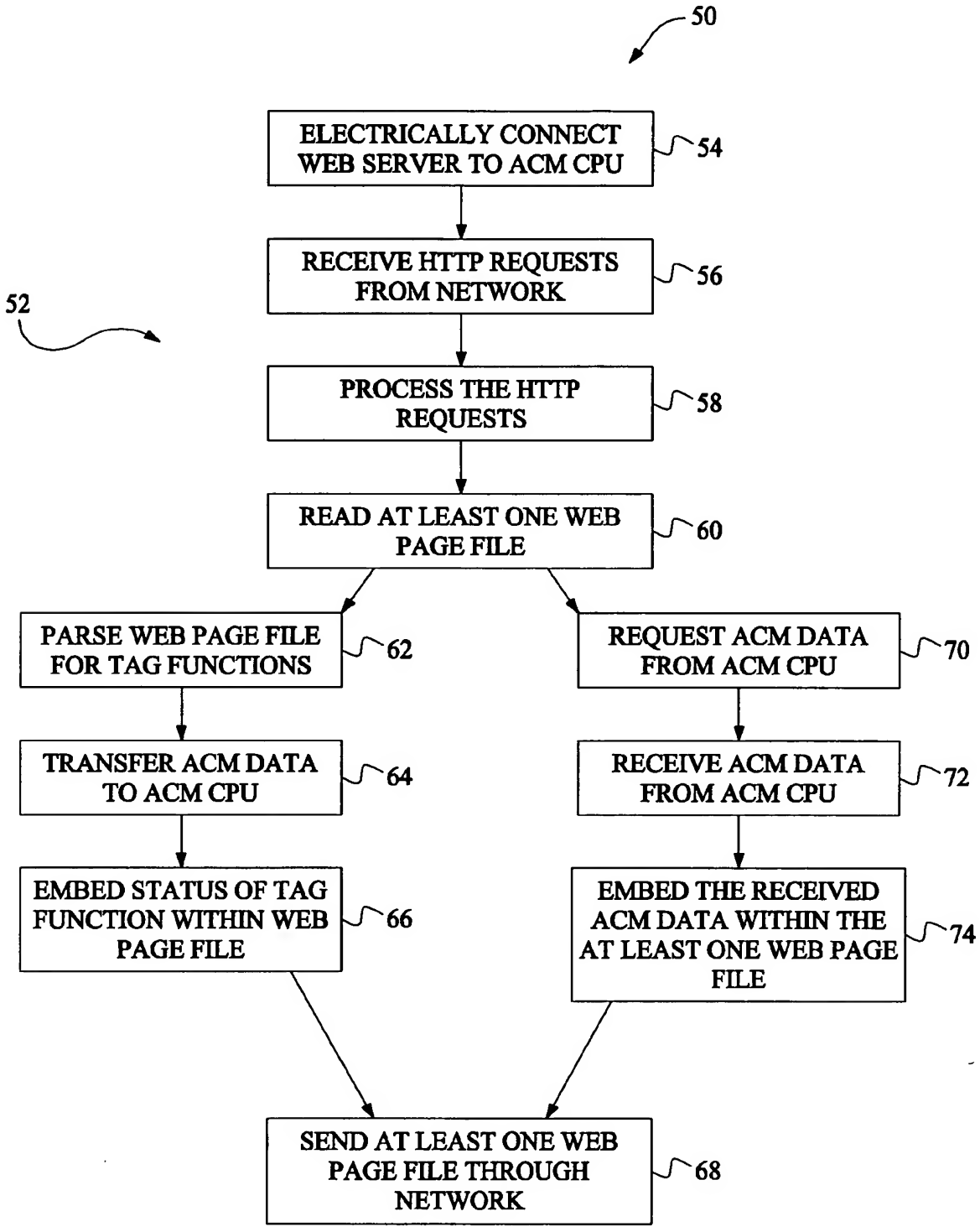
50
52
ELECTRICALLY CONNECT WEB SERVER TO ACM CPU
54
RECEIVE HTTP REQUESTS FROM NETWORK
56
PROCESS THE HTTP REQUESTS
58
READ AT LEAST ONE WEB PAGE FILE
60
PARSE WEB PAGE FILE FOR TAG FUNCTIONS
62
TRANSFER ACM DATA TO ACM CPU
64
EMBED STATUS OF TAG FUNCTION WITHIN WEB PAGE FILE
66
REQUEST ACM DATA FROM ACM CPU
70
RECEIVE ACM DATA FROM ACM CPU
72
EMBED THE RECEIVED ACM DATA WITHIN THE AT LEAST ONE WEB PAGE FILE
74
SEND AT LEAST ONE WEB PAGE FILE THROUGH NETWORK
68

FIG. 2

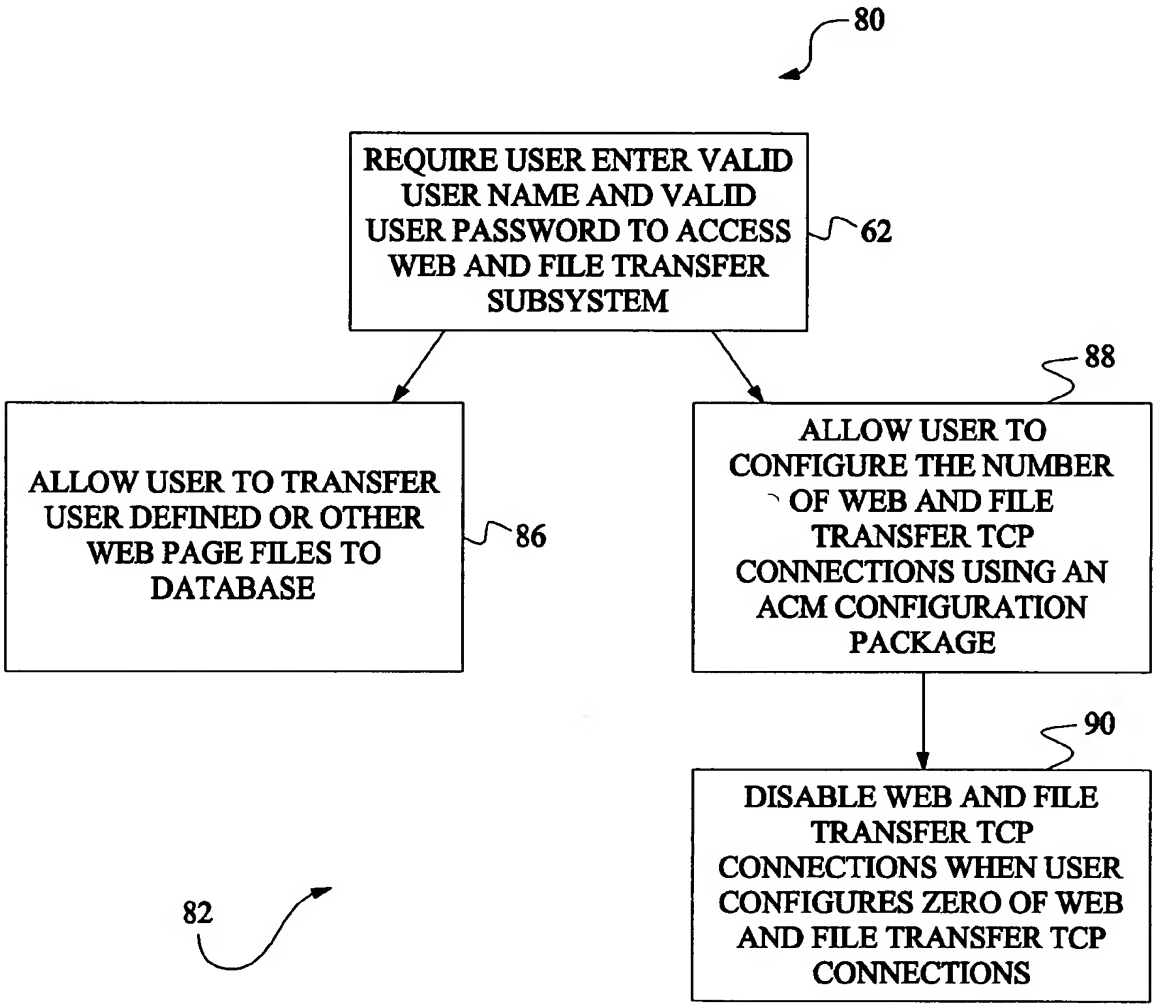
80
REQUIRE USER ENTER VALID USER NAME AND VALID USER PASSWORD TO ACCESS WEB AND FILE TRANSFER SUBSYSTEM
62
88
ALLOW USER TO TRANSFER USER DEFINED OR OTHER WEB PAGE FILES TO DATABASE
86
ALLOW USER TO CONFIGURE THE NUMBER OF WEB AND FILE TRANSFER TCP CONNECTIONS USING AN ACM CONFIGURATION PACKAGE
90
DISABLE WEB AND FILE TRANSFER TCP CONNECTIONS WHEN USER CONFIGURES ZERO OF WEB AND FILE TRANSFER TCP CONNECTIONS
82

FIG. 3

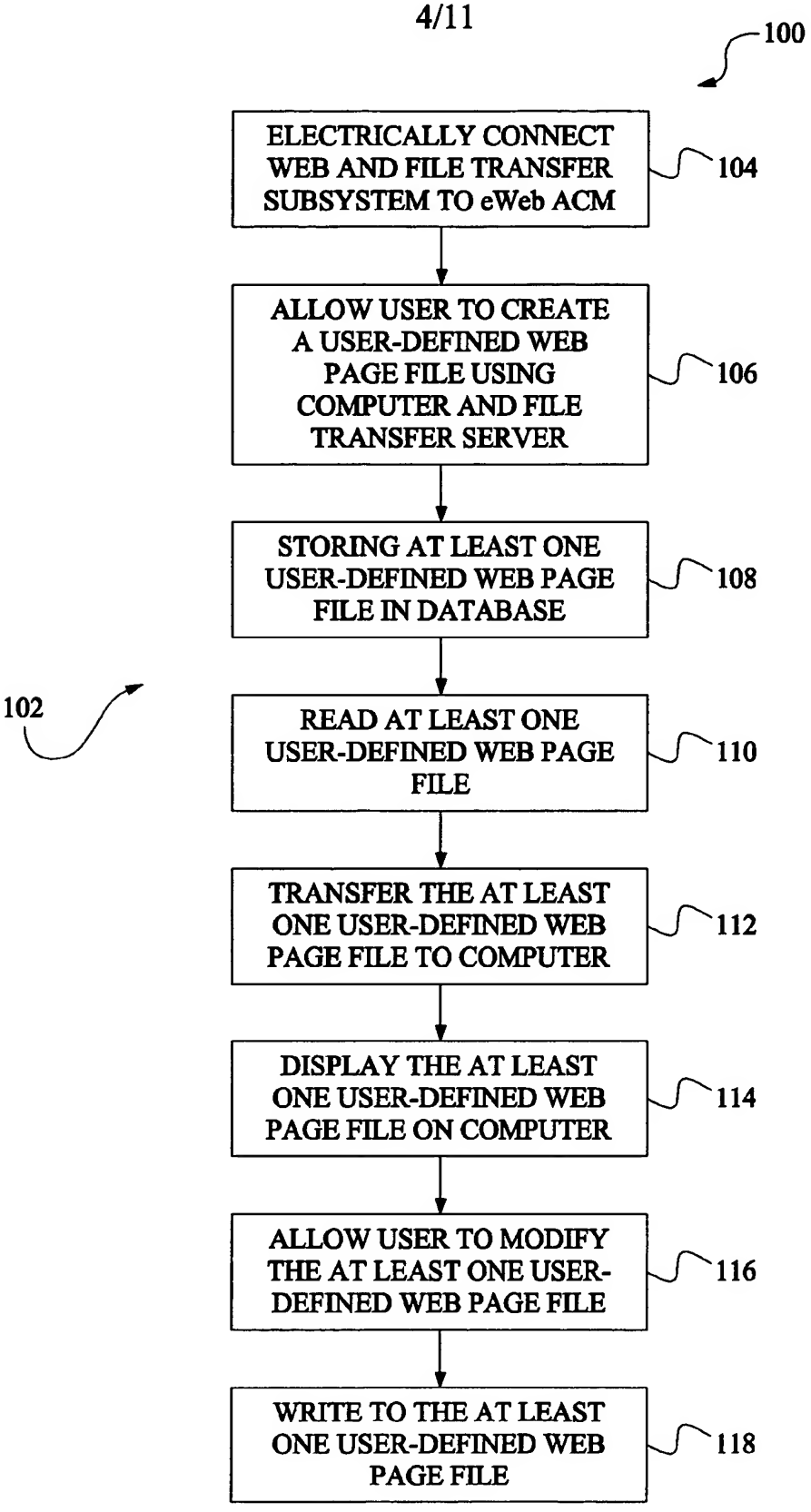
100
ELECTRICALLY CONNECT WEB AND FILE TRANSFER SUBSYSTEM TO eWeb ACM
104
ALLOW USER TO CREATE A USER-DEFINED WEB PAGE FILE USING COMPUTER AND FILE TRANSFER SERVER
106
STORING AT LEAST ONE USER-DEFINED WEB PAGE FILE IN DATABASE
108
102
READ AT LEAST ONE USER-DEFINED WEB PAGE FILE
110
TRANSFER THE AT LEAST ONE USER-DEFINED WEB PAGE FILE TO COMPUTER
112
DISPLAY THE AT LEAST ONE USER-DEFINED WEB PAGE FILE ON COMPUTER
114
ALLOW USER TO MODIFY THE AT LEAST ONE USER-DEFINED WEB PAGE FILE
116
WRITE TO THE AT LEAST ONE USER-DEFINED WEB PAGE FILE
118

FIG. 4

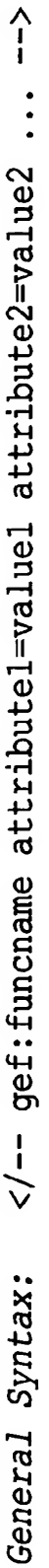
General Syntax: </-- gef:funcname attribute1=value1 attribute2=value2 ... -->

FIG. 5

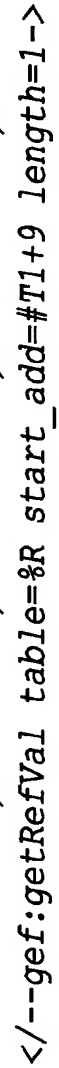
</--gef:getRefVal table=%R start_add=#T1+9 length=1->

FIG. 6

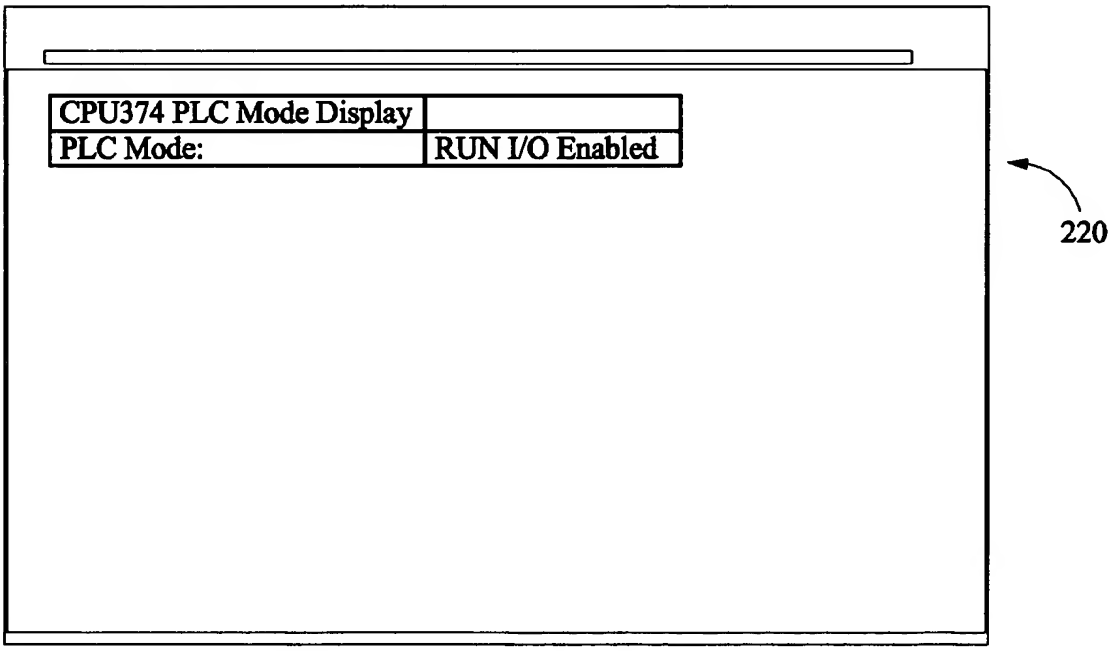

FIG. 7

```
<html>
<head>
<title> CPU374 PLC Mode </title>
</head>
<body>
<table border="1" >
   <tr>
      <td ><b>CPU374 PLC Mode Display</b></td>
   </tr>
   <tr>
      <td >PLC Mode:</td>
      <td ><!-- gef:plcMode --></td>
   </tr>
      </table>
</body>
</html>
```

232

230

FIG. 8

```
<html>

<head>
<title> CPU374 PLC Mode </title>
</head>
<body>
<table border="1" >
   <tr>
      <td ><b>CPU374 PLC Mode Display</b></td>
   </tr>
   <tr>
      <td >PLC Mode:</td>
      <td >Run I/O Enabled</td>
   </tr>
      </table>
</body>
</html>
```

242

240

FIG. 9

```
<html>

<head>
<title>CPU374 PLC Mode </title>
</head>
<body>
<script>
<1-- hide me
var PLC_mode = "<1-- gef:plcMode -->"

// stop hiding -->
</script>
<table border="1" >
   <tr>
     <td >CPU374 PLC Mode Display</td>
    </tr>
   <tr>
     <td >PLC Mode</td>
<script>
<1-- hide me
    document.write("<td>");
    document.write(PLC_mode);
    document.write("</td>");

// stop hiding -->
</script>
  </tr></table></body></html>
```

252

250

FIG. 10

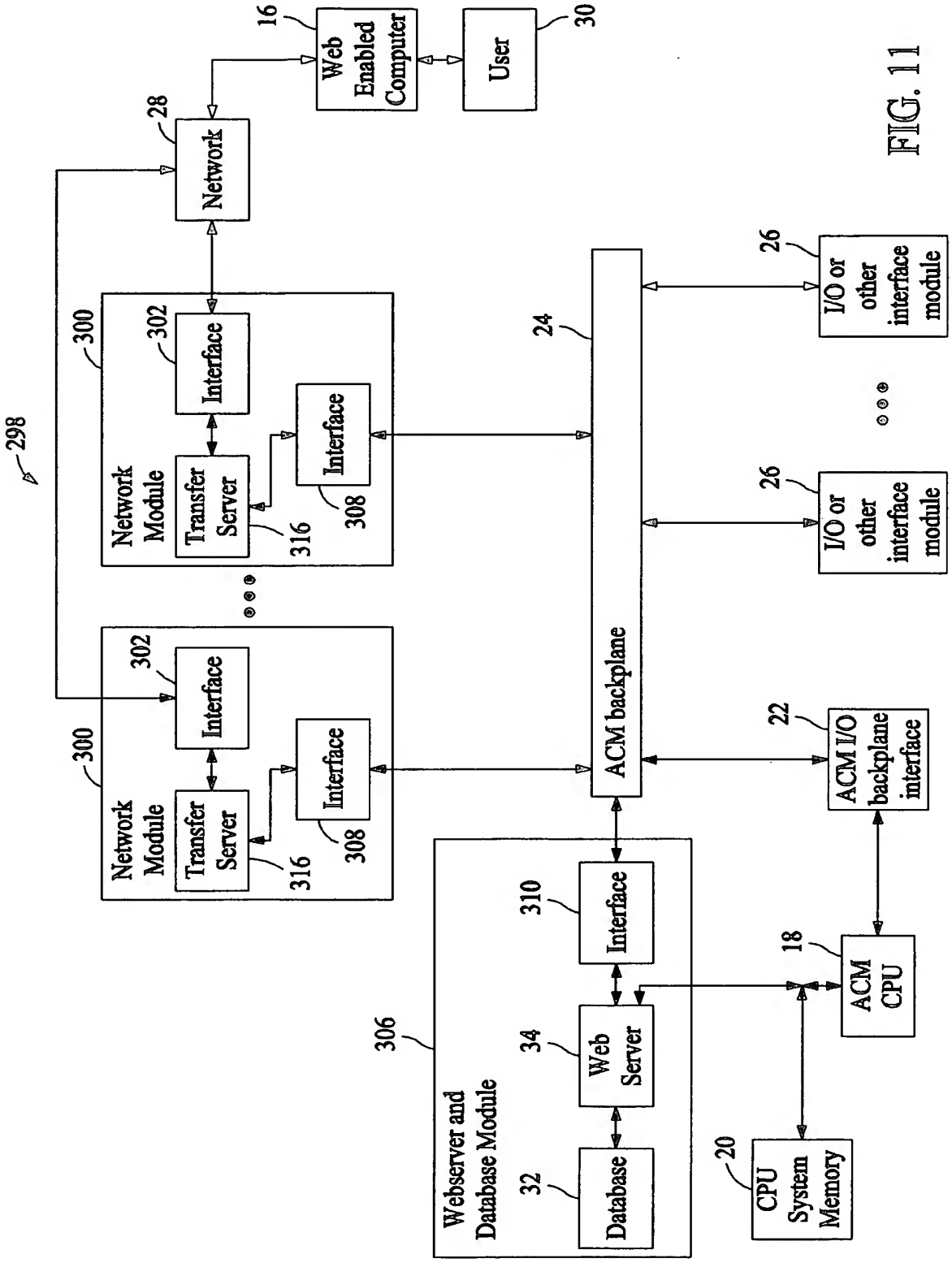
298
16
Web Enabled Computer
User
30
28
Network
300
302
Interface
Network Module
Transfer Server
316
Interface
308
24
ACM backplane
26
I/O or other interface module
22
ACM I/O backplane interface
310
Interface
306
Webserver and Database Module
34
Web Server
32
Database
18
ACM CPU
20
CPU System Memory

FIG. 11

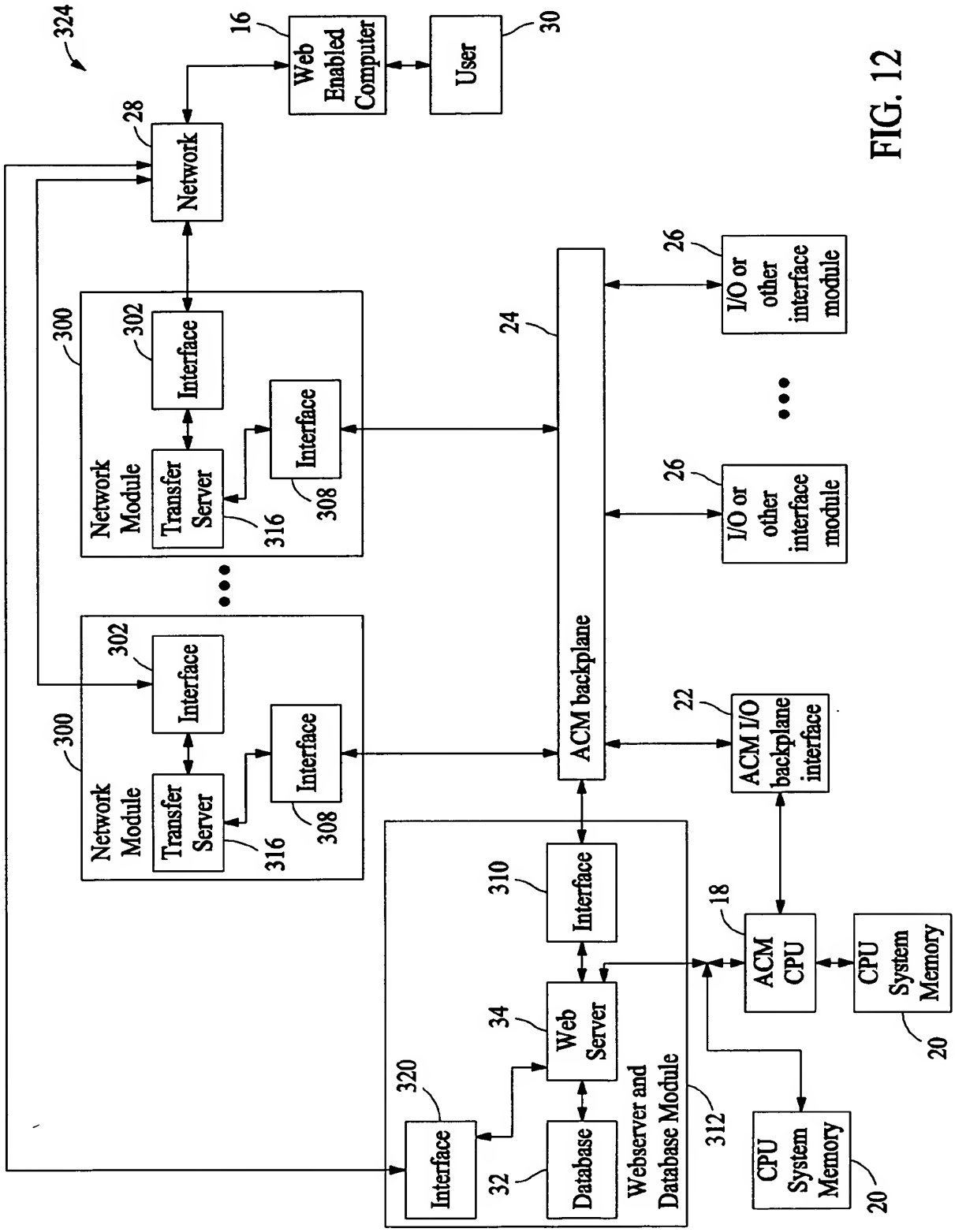
324
16
Web Enabled Computer
User
30
28
Network
300
302
Interface
Network Module
Transfer Server
316
Interface
308
24
ACM backplane
26
I/O or other interface module
22
ACM I/O backplane interface
310
Interface
18
ACM CPU
CPU System Memory
20
34
Web Server
320
Interface
32
Database
Webserver and Database Module
312

FIG. 12

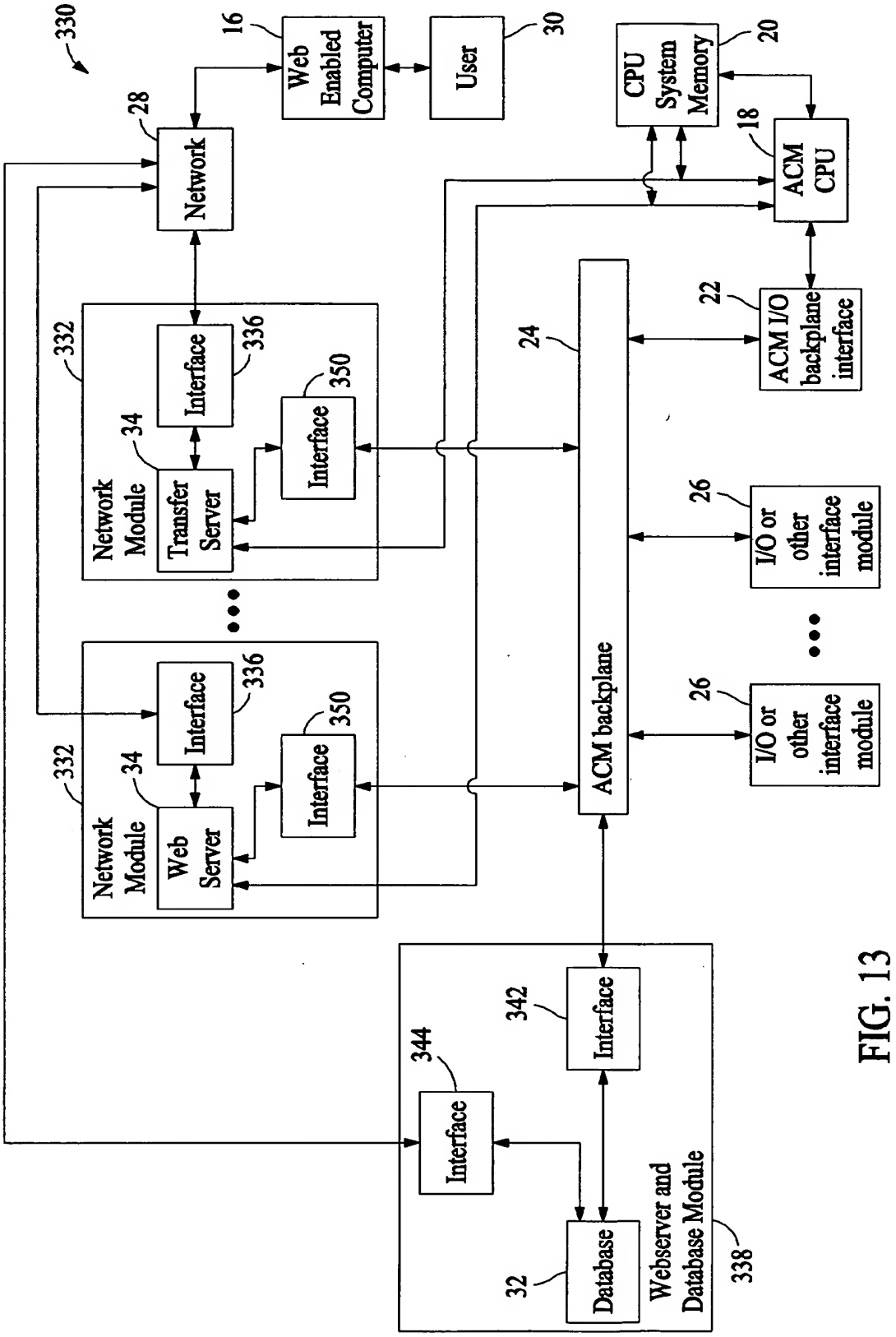
330
16
Web Enabled Computer
User
30
CPU System Memory
20
28
Network
18
ACM CPU
22
ACM I/O backplane interface
24
332
Interface
336
350
Interface
34
Network Module
Transfer Server
26
I/O or other interface module
ACM backplane
Interface
336
350
Interface
332
34
Network Module
Web Server
26
I/O or other interface module
342
Interface
344
Interface
Database
32
Webserver and Database Module
338

FIG. 13